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2000 Weather Crop 16

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Week Ending July 16, 2000

CROPS REMAIN IN GOOD CONDITION DESPITE EXTREME HEAT

Despite the hottest week of the year, Tennessee’s major row crops continue to be rated in mostly good condition. A few areas received scattered showers, but most farmers reported the need for additional rains to maintain good yield potential for crops and replenish pastures. Corn fields are nearly all in the silking stage and some have entered the dough stage this past week. Cotton development is progressing ahead of normal with over half of the crop setting bolls. Soybean producers reported an additional 13 percent of the soybeans entered the bloom stage. Fields are setting pods slightly ahead of the 5-year average. Tobacco farmers continued to irrigate fields and topping and sucker control was also underway in many areas. With six days considered suitable for field work last week, the second cutting of alfalfa hay made excellent progress. Currently, over 80 percent has been cut. As of Friday, topsoil moisture levels were rated, 11 percent very short, 35 percent short, 52 percent adequate, and 2 percent surplus. Subsoil moisture levels were rated 11 percent very short, 39 percent short, 49 percent adequate, and 1 percent surplus.

CROP PROGRESS: Through July 16, 2000

CROP CONDITION: On July 14, 2000

Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Silking or Beyond	92	79	91	78	Corn	2	4	17	47	30
Corn - Dough	20	N/A	23	20	Soybeans	1	5	21	52	21
Soybeans - Blooming	23	10	31	19	Cotton	0	3	24	53	20
Soybeans -Setting Pods	5	N/A	11	4	Pastures	3	13	34	43	7
Cotton - Setting Bolls	54	25	57	42	Cattle	1	3	24	58	14
Tobacco - Topped	20	N/A	16	14	Tobacco	1	8	34	48	9
Alfalfa Hay - Second Cutting	84	69	70	78						

**CORN:** The corn crop has entered the dough stage and development is almost two weeks ahead of the 5-year average. Most of the crop is rated in good-to-excellent condition. Some isolated areas in the eastern part of the State have reported problems with Southwestern Corn Borer.

**SOYBEANS:** The May planted beans are setting pods and blooming, while the double crop beans are exhibiting good growth. Overall, the crop is progressing ahead of schedule and is in mostly good condition.

**TOBACCO:** Farmers continued to irrigate fields. The condition of the crop dropped slightly from the previous week. Black shank and tomato spotted wilt virus continued to be reported.

**COTTON:** Conditions remained in the mostly good category, and over half of the State’s cotton has begun to set bolls. Most producers are pleased with how the crop has progressed at this point in the growing season.

**CATTLE:** There have been some additional reports of pink eye problems among beef herds, and flies are beginning to become more bothersome. Statewide, cattle continue to be rated in mostly good condition.

**PASTURES & HAY:** Some moisture stress is being reported, but pastures are still rated in mostly good-to-fair condition. Second cutting of alfalfa hay continues to roll along as the dry weather allowed many farmers to make hay.

TEMPERATURES AND PRECIPITATION For week ending: 07/16/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 07/16/00				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	07/16/00	Days	Since April 1	From Normal		
Ames_Plantation	97	66	83	+5	0.57	2	14.28	-2.18	1250	+65
Bristol	91	61	75	+1	1.14	5	12.84	-0.16	855	+114
Brownsville_TN	96	71	85	+5	0.00	0	13.53	-2.92	1284	+283
Chattanooga	97	65	83	+6	0.38	2	15.52	+0.80	1338	+273
Clarksville_Sew	98	65	83	+5	0.57	2	18.24	+3.45	1248	+232
Cookeville	94	60	79	+3	0.57	2	18.58	+1.59	942	+350
Covington	97	69	85	+6	0.02	1	14.54	-1.73	1309	+110
Crossville_AP	89	61	77	+4	1.81	1	19.33	+2.66	874	+187
Dickson_AG	95	60	78	+1	1.18	1	14.23	-2.47	1020	-48
Dover_1W	96	65	81	+4	0.03	1	17.93	+2.20	1079	+187
Dyersburg	95	70	83	+3	0.02	1	17.13	+1.40	1273	-13
Erwin_1W	89	62	75	+4	2.22	6	17.32	+0.99	836	-70
Huntingdon_Wate	94	64	79	+1	0.93	2	14.39	-1.79	932	-19
Jackson_AG	96	69	82	+4	0.72	2	13.61	-3.32	1209	+81
Kingston_AG	95	67	80	+6	1.32	3	17.98	+0.96	1105	+300
Knoxville_AP	94	66	80	+4	3.50	3	19.70	+5.36	1118	+210
Lewisburg	96	60	80	+4	0.04	1	16.26	-0.65	985	+62
Lexington_TN	97	67	83	+4	0.99	2	15.00	-0.89	1186	+551
Linden	98	63	82	+6	0.33	1	13.55	-3.37	1048	+110
Martin	95	66	82	+4	0.15	1	18.16	+1.38	1166	+90
Mc_Minnville_Tn	93	63	80	+3	0.74	2	15.77	-0.48	1072	-137
Memphis_AG	97	69	84	+2	0.00	0	12.20	-3.73	1326	-111
Milan	97	62	81	+4	0.23	2	13.37	-3.87	1017	-34
Murfreesboro_5N	94	63	80	+3	0.42	2	19.06	+2.86	1029	-173
Nashville	98	68	84	+6	0.06	2	15.64	+0.79	1243	+126
Newcomb	91	61	77	+5	1.45	4	16.32	-0.73	855	+225
Oneida	93	62	77	+5	1.14	5	18.76	+1.71	797	-200
Pikeville	94	60	79	+3	0.43	3	14.02	-1.31	1025	+126
Portland_TN	97	65	82	+5	0.58	2	14.66	-1.61	1074	+178
Pulaski_Water_P	96	66	82	+4	0.25	1	19.17	+3.11	1094	-41
Savannah_6SW	104	69	86	+8	0.31	2	12.56	-4.97	1375	+398
Sparta_TN	94	67	80	+5	1.76	2	19.70	+3.09	1043	+267
Springfield	98	59	80	+4	0.42	1	15.03	-0.52	1033	+120
Springhill	97	64	81	+5	0.38	2	15.61	-1.34	1121	+217
Union_City	94	65	81	+4	0.03	1	17.77	+1.45	1097	+42

DFN = Departure From Normal (Using 1961-90 Normals Period).

Precipitation Days = Days with precip of 0.01 inch or more.      Precipitation (rain or melted snow/ice) in inches.

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